

FILE 'BIOSIS, MEDLINE, CAPLUS, WPIDS' ENTERED AT 10:28:47 ON 05 SEP 2007

L1	7 S ASIALO ALPHA ACID GLYCOPROTEIN
L2	0 S L1 AND ANTIBODY
L3	6 DUP REM L1 (1 DUPLICATE REMOVED)
L4	0 S ASIALO NEAR GLYCOPROTEIN NEAR ANTIBODY
L5	0 S ASIALO GLYCOPROTEIN ANTIBODY
L6	127 S ASIALO GLYCOPROTEIN
L7	31 S L6 AND ANTIBOD?
L8	19 DUP REM L7 (12 DUPLICATES REMOVED)
L9	25 S ASIALO ALPHA1-ACID GLYCOPROTEIN
L10	18 DUP REM L9 (7 DUPLICATES REMOVED)

L10 ANSWER 5 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2003:507327 BIOSIS
DN PREV200300508798
TI Elevation of serum asialo-alpha acid
glycoprotein concentration in patients with hepatic cirrhosis and
hepatocellular carcinoma as measured by antibody-lectin sandwich assay.
AU Song, Eun Young [Reprint Author]; Kim, Kyoung A.; Kim, Yung Dai; Lee, Eun
Young; Lee, Hong Soo; Kim, Hee Jung; Ahn, Byung Min; Choe, Yong Kyung;
Kim, Cheorl Ho; Chung, Tai Wha
CS LDN, NICHD, NIH, Bd. 49, Rm. 5C09, MSC 4480, Bethesda, MD, 20892-4480, USA
eysong@kribb.re.kr
SO Hepatology Research, (August 2003) Vol. 26, No. 4, pp. 311-317. print.
ISSN: 1386-6346 (ISSN print).
DT Article
LA English
ED Entered STN: 29 Oct 2003
Last Updated on STN: 29 Oct 2003
AB Serum asialoglycoproteins (desialylated glycoproteins) concentration was
reported to be elevated in patients with hepatic disease as compared with
that of normal subjects. In this study, we measured serum asialo
-alpha acid glycoprotein (AsAGP) level by a
solid-phase sandwich assay in which monoclonal antibody (mAb) to
alpha-acid glycoprotein and galactose-binding lectin, Ricinus communis
(RCA), have been employed as capture protein and probe protein,
respectively. The mAb-RCA sandwich assay was sensitive (0.02 mug/ml) and
specific for AsAGP. We have determined AsAGP concentration of 869 serum
specimens and analyzed the results using 1.38 and 2.24 mug/ml (AsAGP) as
cut-off values, respectively. AsAGP level was 0.80+-0.29 mug/ml
(mean+-S.D.) with 97 normal serum specimens and elevated primarily in
patients with liver cirrhosis (LC) or hepatocellular carcinoma (HCC).
Using 1.38 mug/ml as a cutoff, 4/97 normal subjects, 11/39 acute hepatitis
and 26/159 non-hepatic disease exhibited a slight elevation, whereas,
AsAGP level was significantly elevated in 182/230 LC and 63/72 HCC.
Meanwhile, a cutoff of 2.24 mug/ml allowed significant differentiation of
LC or HCC from chronic hepatitis. Serum AsAGP level appeared to increase
progressively with increasing severity of liver disease in cirrhotic
patients. Thus, serum AsAGP concentration, as measured by the new mAb-RCA
sandwich assay, may be a useful differential marker as a diagnostic aid
for LC or HCC.

=>

L8 ANSWER 16 OF 19 MEDLINE on STN DUPLICATE 6
 AN 84130669 MEDLINE
 DN PubMed ID: 6199139
 TI Identification of the hepatic asialo-glycoprotein
 receptor (hepatic lectin) as a component of liver specific membrane
 lipoprotein (LSP).
 AU McFarlane I G; McFarlane B M; Major G N; Tolley P; Williams R
 SO Clinical and experimental immunology, (1984 Feb) Vol. 55, No. 2, pp.
 347-54.
 Journal code: 0057202. ISSN: 0009-9104.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 198403
 ED Entered STN: 19 Mar 1990
 Last Updated on STN: 19 Mar 1990
 Entered Medline: 30 Mar 1984
 AB Liver specific membrane lipoprotein (LSP), the target for anti-LSP
 antibodies in various liver diseases, is thought to be comprised
 of fragments of the hepatocellular plasma membrane. In the present study,
 therefore, evidence has been sought for the presence in LSP of the
 hepatocyte surface receptor (hepatic lectin) that binds desialylated
 glycoproteins. Eight guinea-pig anti-LSP antisera (four anti-human and
 four anti-rabbit LSP) were found to react by ELISA and/or RIA against
 affinity purified human and rabbit hepatic lectin. Binding of the
 antisera to 125I-hepatic lectins was inhibited by the unlabelled lectins,
 by human and rabbit LSP and by purified rabbit liver plasma membranes but
 not by a 50,000-fold excess of kidney homogenate. The results indicate
 that hepatic lectin is a liver specific, species cross-reactive antigen
 comprising about 0.25% of the protein in LSP.

=>

L10 ANSWER 7 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2001:353052 BIOSIS
DN PREV200100353052
TI Elevation of serum asialo-alpha acid
glycoprotein concentration in patients with hepatic cirrhosis and
hepatocellular carcinoma as measured by antibody-lectin sandwich assay.
AU Song, E. Y. [Reprint author]; Kim, K. A.; Kim, Y. D.; Lee, H. S. [Reprint
author]; Kim, H. J.; Ahn, B. M.; Chung, T. W.
CS KRIBB, Daejeon, South Korea
SO Clinical Chemistry, (June, 2001) Vol. 47, No. S6, pp. A152. print.
Meeting Info.: 53rd Annual Meeting of the AACC/CSCC. Chicago, Illinois,
USA. July 29-August 02, 2001. American Association for Clinical Chemistry.
CODEN: CLCHAU. ISSN: 0009-9147.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Aug 2001
Last Updated on STN: 19 Feb 2002